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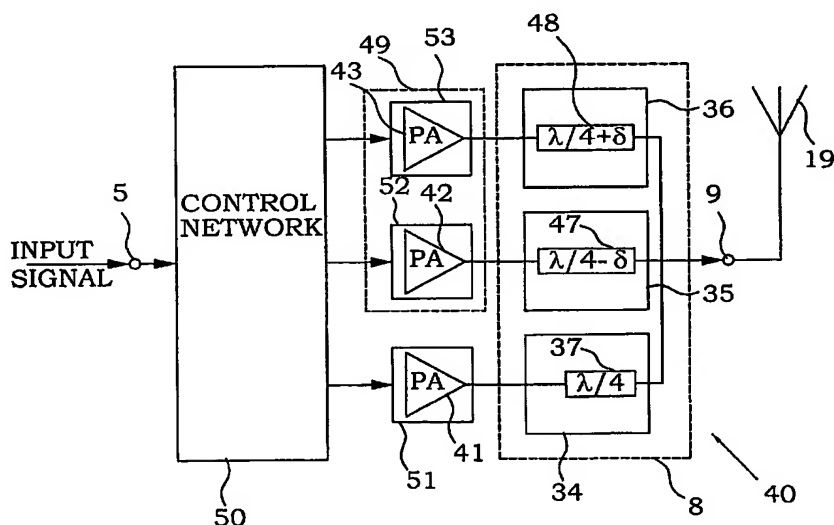
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(54) Title: **COMPOSITE POWER AMPLIFIER**



(57) Abstract: A PAMELA-type of composite power amplifier is configured in such a way that a single power amplifier is operated at low output voltage amplitudes by prohibiting a pair of outphasing power amplifiers to produce any current. Preferably, at output voltage amplitudes above the maximum voltage of the single power amplifier is to be reached, the pair of outphasing power amplifiers is taken into operation providing currents phase shifted by substantially 180 degrees. When also the outphasing power amplifiers reach their maximum voltages, an outphasing operation is performed.



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